

## Borehole Information

**Borehole Number:**

**105/25/K003/1A/NDQ**

**Prospecting Company:** De Beers Holdings Botswana

**Prospecting License No.:** PL31/88

**Coordinates Type:** WGS 84

**Coordinates Format:** Decimal Degrees

**Coordinates:** -22.703636 , 27.883524

**Location:** Lerala

**Start Drill:** N/A

**End Drill:** N/A

**Borehole Type:** Exploration

**Drilling Method:** Core

**Sample Type:** Core

**Depth of Surface Casing:** N/A

**Azimuth:** Degrees

**Hole Inclination:** N/A

**Collar Elevation:** N/A

**Borehole Water Strike:** N/A

**End of Hole (Depth):** N/A

**Log Formation:**

No.	From (m)	To (m)	Log Formation
1.	0	1	Brown Topsoil.
2.	1	3	Calcretised Sand and basement fragments + some free quartz, feldspar and mica Schist.
3.	3	6	Highly weathered brown kimberlite (difficult to distinguish from weathered Schist despite foliation in latter). Variable proportions of inclusions (95-50%) pink granite gneiss, micaceous - Amphibolitebolite Schist, quartz.
4.	6	23	Fresh to moderately fresh grey, greenish grey or brown grey fine grained featureless hypabyssal kimberlite - rare macrocrystic phlogopite.
5.	23	27	Variable inclusions content 80-50% quartz, k-feldspar, Amphibolitebolite.
6.	27	34	Moderately fresh hypabyssal kimberlite 80-50% inclusions.
7.	34	43	44m - no sample recovered.
8.	43	48	Qtz and feldspar veined Amphibolitebolite.
9.	48	67	Amphibolitebolite
10.	67	75	76m - water.
11.	75	81	82m - chlorite bearing feldspar and Amphibolitebolite.
12.	81	83	Fine grained light grey featureless hypabyssal kimberlite - occasional
13.	83	86	86-88m no sample.
14.	86	89	89m - 95% inclusions.

**Physical Address:** Plot 11566, Khama 1 Avenue, Lobatse, Botswana

**Postal Address:** Private Bag 0014, Lobatse, Botswana

**Telephone:** +267 533 0327 / +267 533 0428 **Fax:** +267 533 4295

**Email:** info@bgi.org.bw **Website:** www.bgi.org.bw

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15.	89	90	90m no sample.
16.	90	94	91m - 40% inclusions (Amphiboliteibolite).
17.	94	96	Fine light grey featureless hypabyssal kimberlite. Occasional
18.	96	102	Inclusions 40% to >95% of sample - predominantly Amphiboliteibolite and chloritic feldspar.
19.	102	107	95% + inclusions.
20.	107	109	108m - 90% inclusions.
21.	109	110	110m - 95% + inclusions.

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**NB: For any enquiries, application, acquisition or verifications related to Water Boreholes, kindly contact the Department of Water and Sanitation for assistance.**

